



"HIS MASTER'S VOICE"

RCA VICTOR


**TAPE CARTRIDGE
RECORDER**

installation-operation INSTRUCTIONS

CONTROLS

PROGRAM INDICATOR-COUNTER (On some models): Numerals appearing in window act as a reference to find desired portions of a tape cartridge. When playing a tape cartridge for the first time, notations may be made of counter readings in relation to the beginnings of different selections. If you desire, readings may be noted on tape cartridge case for quick reference to a specific selection during subsequent replays. Counter should be turned to zero with the thumb-wheel at the beginning of each track. With zero as the starting reference for each track, selections are easily located.

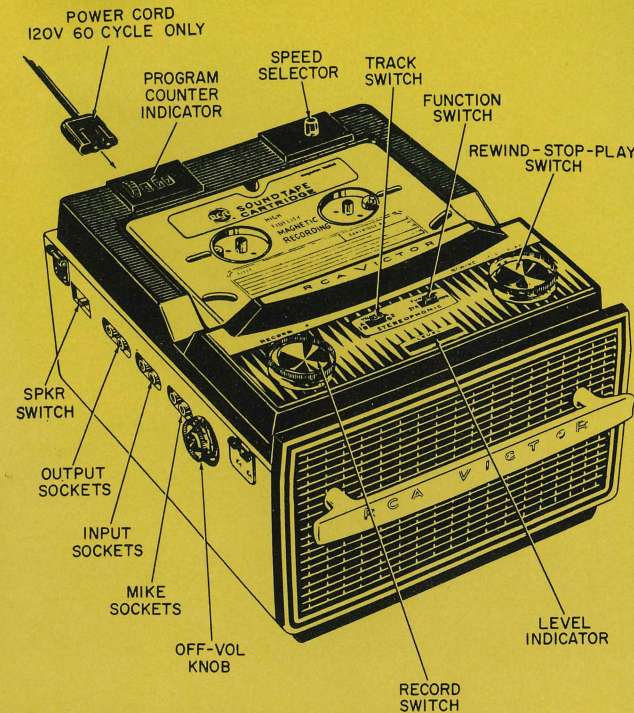
SPEED SELECTOR: Sets recorder to operate at $1\frac{1}{8}$ inches per second for voice recordings or to $3\frac{3}{4}$ inches per second for high-fidelity recordings. (In order to shift speed, power must be on and REWIND-STOP-PLAY knob must be in either REWIND or PLAY position.)

RECORD SWITCH: In its normal position, this control sets the recorder circuits for the playback function. When turned to the right , switches circuits to the recording function. (Do not attempt to rotate this knob by hand after it has been placed in RECORD position and tape is started.) This knob has a mechanical provision to prevent accidental erasing of recorded material.

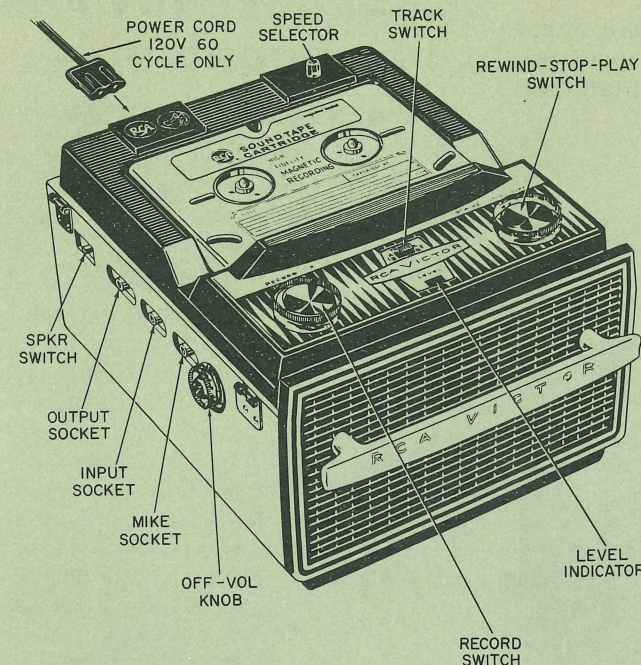
TRACK SWITCH: This switch selects the track or tracks to be recorded or played back.

FUNCTION SWITCH (On stereo models only): In STR (stereo position), sets recorder for stereophonic recording or playback. In MON (monaural) position, sets recorder for monaural recording or playback.

REWIND-STOP-PLAY: In REWIND position, the recorder rewinds the tape back to its original position on the left-hand hub. In STOP position, all mechanical functions are stopped but amplifier remains on if power is turned on. In PLAY position, recorder is set to advance tape forward (at the speed selected) for




STEREO MODELS



MONAURAL MODELS

playback or recording.

LEVEL INDICATOR: A visual reference for setting volume level while recording.

OFF VOL (On side of cabinet): Turns power on when rotated to right  and sets volume during recording or playback.

MIKE SOCKET(S) (On side of cabinet): Monaural models have one socket for connecting microphone to make recordings. Stereo models have two sockets for making stereophonic recordings. To make monaural recordings on stereo models, use socket marked MONO. To make stereo recordings, use both sockets. See "TO RECORD A STEREO CARTRIDGE" in this booklet.

INPUT SOCKET(S) (On side of cabinet): Monaural models have one socket to provide for recording from an external instrument. Stereo models have two sockets marked LEFT and RIGHT to provide for recording from an external stereo instrument. To make monaural recordings on stereo models, the left socket is the only one necessary to use but the other cable may be left in the right socket, if desired. To make stereo recordings, use both sockets. See "TO RECORD A STEREO CARTRIDGE" in this booklet.

OUTPUT SOCKET(S) (On side of cabinet): Monaural models have one socket for connecting output of recorder preamplifier to input of an external high-fidelity amplifier or radio instrument to lend added spatial effect to playback of your monaural recordings. Stereo models have two sockets marked LEFT and RIGHT. Use left socket for monaural playback through external instrument and use the right or both sockets for stereo playback. During monaural playback, the left socket is the only one necessary to use but the other cable may be left in the right socket, if desired. See "TO PLAY A STEREO CARTRIDGE" in this booklet.

SPKR. SWITCH (On side of cabinet): Use to turn off the speaker in the recorder when the OUTPUT socket(s) is connected to the input(s) of an external instrument, if desired.

TAPE CARTRIDGES

Your new instrument is designed to record and play tape in plastic tape cartridges as easily as phonograph records. The tape cartridge is the means of enclosing the tape so that you handle the cartridge and not the tape.

The tape cartridge can be played at $1\frac{1}{8}$ or $3\frac{3}{4}$ inches per second and has four tracks. At a tape speed of $1\frac{1}{8}$ inches per second, playing time will be up to four hours. Playing time at $3\frac{3}{4}$ inches per second will be up to two hours. Stereophonic models use two of the four tracks simultaneously so that playing times will be up to two hours at $1\frac{1}{8}$ and one hour at $3\frac{3}{4}$ inches per second.

If the tape cartridge is stored at normal room temperature, your RCA Victor tape cartridge recordings should hold their sharp, clear quality for a number of years. No more care is necessary than you are accustomed to giving the books on your shelf. The tape cartridge should not be exposed to high heat, or direct sunlight

for prolonged periods of time.

Note: An adaptor unit (optional, at extra cost) for playing and/or recording 3" tape reels on this instrument is available from your RCA Victor dealer.



MICROPHONE ARRANGEMENT FOR RECORDING

FOR MONAURAL

When recording by microphone, always place or hold the microphone at least two feet away from the recorder to minimize pickup of extraneous noises. When not holding a "live" mike, always place it on a steady surface.



FOR STEREO (Stereo models only)

Stereophonic recording is accomplished with two microphones spaced so that each mike records the sound predominately from the section of the sound source it faces or is closest to. The output of each of the two mikes is recorded simultaneously on separate tape tracks. Although each mike is aimed at a particular section of the sound source, it picks up and records sound from the entire source. Thus, a mike at the left side of the source will record mainly the sound from that section; but the sound from the right side will also be recorded, although at a somewhat lower volume. The mike at the right will record the sound from the right at a normal volume and the sound from the left at a reduced volume.



OPERATION OF INSTRUMENT FOR RECORDING

TO RECORD A MONAURAL CARTRIDGE

Place the REWIND-STOP-PLAY knob in STOP position. On stereo models, place the FUNCTION switch in MON (monaural) position. Turn the OFF-VOL knob to the right (↷) to turn power on. Allow 30 seconds for warm-up. Select the track on which you wish to record by moving the TRACK switch to 1 for tracks A1 and B1 or to 2 for tracks A2 and B2. The normal track sequence for tape cartridges is A1, B1, A2, and B2.

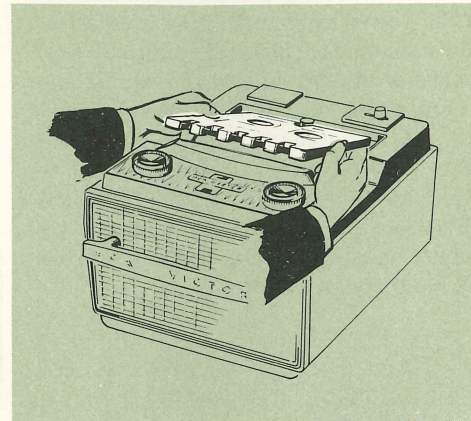
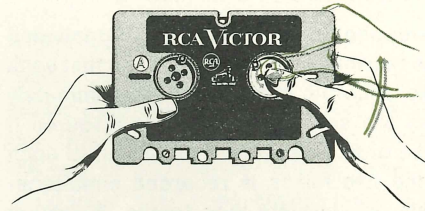
Caution: When preparing to record on a tape cartridge which already has some recorded material on it, use care in positioning the TRACK switch. Placing the TRACK switch in a position for a track already recorded will cause the recorder to erase the original material and put the new in its place. If the previously recorded material occupies only a portion of one track and new material is to be added on

the same track, it is necessary to determine the end of the previous recording and the beginning of the blank tape. This can be accomplished by playback of the previous recording or by use of the INDICATOR-COUNTER. Accidental erasing of the previous recording is possible when attempting to record without knowledge of position of previous recording.

Before inserting the tape cartridge, turn the right-hand hub on the cartridge to the left (↶) to tighten the tape (see illustration).

The tape must be on the left-hand hub to play—this can be determined by looking through the window on the left-hand side of the tape cartridge case. The proper window to check for tape playing position is beneath the embossed letter "A" on the top side or the letter "B" on the reverse side.

Now insert the back edge of the tape cartridge into the recessed area and push



it fully toward the rear until it stops. Then lower the front edge over the guide pins on the instrument and push the front edge down so that the tape cartridge is firmly seated and flat.

If you have a recorded cartridge which you no longer wish to keep, it may be erased and used for a new recording. See "ERASING A TAPE CARTRIDGE" in this booklet.

If a "live" recording is to be made with the microphone, insert the mike plug into the MIKE socket on monaural models or into the MIKE socket marked MONO on stereo models. If it is possible to predetermine the approximate volume of the sound to be recorded, such as when an orchestra is tuning their instruments, it is best to set the recording volume before starting the tape. To do this, place the REWIND-STOP-PLAY knob in the STOP position, rotate the RECORD knob to the right (↷) and hold it there, and rotate the OFF-VOL knob to set the recording volume. Observe the LEVEL INDICATOR while adjusting

the volume. On models with the "Dual Ray" LEVEL INDICATOR, the bars in the indicator should just close on the louder passages. On models with neon-bulb LEVEL INDICATOR, neon bulb should just flash on and off in response to the loud passages. Release RECORD knob.

To start the actual recording, rotate RECORD knob to the right (↷) and hold it, place REWIND-STOP-PLAY knob in PLAY position and then release RECORD knob. (An automatic latching feature holds the RECORD knob to the right until the REWIND-STOP-PLAY knob is returned to STOP position, at which time the RECORD knob will return to its normal position.) A preview of the material to be recorded may not be possible. In this case, adjust the volume as quickly as possible after the tape is started so that the LEVEL INDICATOR is operating as previously described.

After a cartridge has been fully recorded and you wish to retain the recorded material, the "H" arrangements on the back

edge of the cartridge can be broken out to prevent accidental erasing of the cartridge (see "ERASING A TAPE CARTRIDGE"). If a cartridge has been only partially recorded and further recording is to be added later, the "H" arrangements can be left intact to facilitate further recording; however, care must be exercised when positioning the TRACK switch to prevent accidental erasing.

If you desire to make a recording from a record player, radio instrument or another tape recorder, connect the output of the sound source into the INPUT socket of your recorder. The accessory cable furnished with your recorder will serve to connect many models of RCA Victor "Victrola®" instruments to your recorder; however, if the cable will not fit the output sockets of the sound source, consult your RCA Victor dealer for the proper cable.

When the end of the tape is reached, the mechanism will stop automatically and return the REWIND-STOP-PLAY knob to

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the STOP position and the RECORD switch to its normal position. If you now wish to play the track you have just recorded, place the REWIND-STOP-PLAY knob in the REWIND position. This reverses the tape motion and quickly rewinds the tape into its original position on the left-hand hub. When the tape is fully rewound, the REWIND-STOP-PLAY knob will automatically return to the STOP position and stop the mechanism. Remove plug from INPUT socket. The tape is now ready to be played. See "TO PLAY A MONAURAL CARTRIDGE."


If you wish to continue recording a tape cartridge after the first track A1 is finished (instead of rewinding it as just described), lift the cartridge off the recorder, turn it over and replace it on the recorder as previously described. Track B1 will now record. When the cartridge is turned over a second time, the TRACK switch should be moved to position 2, and the third track A2 will now record. To record the

fourth track B2, the cartridge must be turned over again. After the fourth track has been recorded, the tape is back in the original position on the left-hand A-hub of the cartridge and ready for the first track to be played. No rewinding is necessary when a cartridge is recorded completely through. It is recommended that the tape always be returned to the left-hand A-hub for convenience in future playing.

Any one of the four tracks can be recorded in or out of sequence so long as the tape is on the left-hand hub and the TRACK switch is positioned properly. Either track A1 or A2 on a cartridge can be easily recorded by placing the cartridge A-side up and positioning the TRACK switch to A1 or A2. The same is true for the B-side.

TO RECORD A STEREO CARTRIDGE (Stereo models only)

Place the REWIND-STOP-PLAY knob in STOP position. Place the FUNCTION switch in STR (stereo) position. This au-

tomatically places the TRACK switch in position 1. (*DO NOT* move TRACK switch to position 2 while making a stereo recording.) Turn the OFF-VOL knob to the right  to turn power on. Allow 30 seconds for warm-up.

Caution: When preparing to record on a stereo cartridge which already has some recorded material occupying only a portion of a track and new material is to be added on the same track, it is necessary to determine the end of the previous recording and the beginning of the blank tape. This can be accomplished by playback of the previous recording or by use of the INDICATOR-COUNTER. Accidental erasing of the previous recording is possible when attempting to record without knowledge of position of previous recording.

Insert the blank tape cartridge as previously described under "TO RECORD A MONAURAL CARTRIDGE." If you have a recorded stereo cartridge which you no longer wish to keep, it may be erased and

used for a new recording. See "ERASING A TAPE CARTRIDGE" in this booklet.

If a "live" recording is to be made with two microphones, insert the mike plugs into the MIKE sockets. It is best to use two identical microphones such as those supplied with the recorder. With stereo recordings, it is suggested that a trial recording be made so that mike placement and recording volume can be predetermined. The use of the LEVEL INDICATOR is the same as that described under "TO RECORD A MONAURAL CARTRIDGE" except that the indicator is connected to the left-channel input only.

If accurate volume levels are to be maintained on both channels, a test recording should be made. Determine the approximate positions of the microphones and connect the left microphone to the MIKE socket marked MONO. Adjust the OFF-VOL knob so that the indicator is operating as described. Disconnect the left mike plug, substitute the right mike plug in the MIKE socket marked MONO and position

the right mike until the indicator operates the same as for the left microphone. Caution: This substitution is for the purpose of presetting the volume level only. Replace the mike plugs in their proper sockets and make the recording.

A preview of the material to be recorded may not be possible. In this case, a good approximation of equal volume levels can be had by using identical microphones spaced at identical distances from the sound source.

After a cartridge has been fully recorded and you wish to retain the recorded material, the "H" arrangements on the back edge of the cartridge can be broken out to prevent accidental erasing of the cartridge (see "ERASING A TAPE CARTRIDGE"). If a cartridge has been only partially recorded and further recording is to be added later, the "H" arrangements can be left intact to facilitate further recording; however, care must be exercised when positioning the TRACK switch to prevent accidental erasing.

When you wish to make a stereo recording from a stereo instrument, the accessory cable (included) can be used to connect many models of RCA Victor "Victrola®" instruments to your recorder. The three-prong connector on one end of the cable is made so that it can be inserted into the external instrument only one way; but, the recorder end has two identical, phono-type plugs which could be interchanged. These plug wires are color-coded for proper connection, and the rule to remember when you are connecting them into the INPUT sockets is "Red into Right."

When the end of the tape is reached, the mechanism will stop automatically and return the REWIND-STOP-PLAY knob to the STOP position and the RECORD switch to its normal position. If you now wish to play the track you have just recorded, place the REWIND-STOP-PLAY knob in the REWIND position. This reverses the tape motion and quickly re-

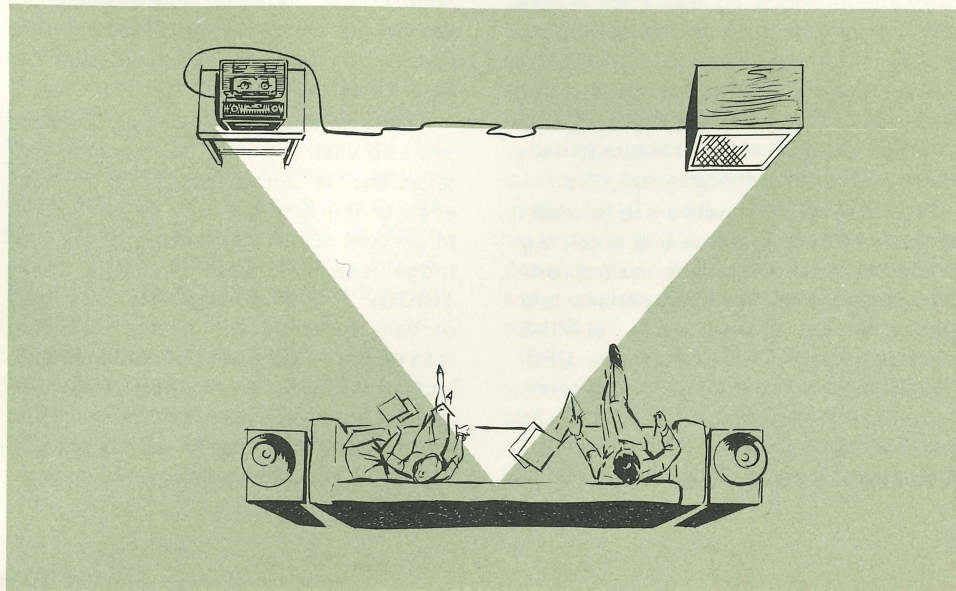
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winds the tape into its original position on the left-hand hub. When the tape is fully rewound, the REWIND-STOP-PLAY knob will automatically return to the STOP position and stop the mechanism. The tape is now ready to be played. Remove plugs from input sockets. See "TO PLAY A STEREO CARTRIDGE."

If you wish to continue recording a stereo cartridge after the first stereo track is finished (instead of rewinding it), lift the cartridge off the recorder, turn it over and replace it on the recorder as previously described. The second stereo track will now record. When the second track is completed, the two stereo tracks on the cartridge are fully recorded. After the second track has been recorded, the tape is back in the original position on the left-hand A-hub of the cartridge and ready for the first track to be played. If the recorded material is to be retained, remove the "H" arrangements at the back of the cartridge as described.

STEREO ARRANGEMENT

To achieve stereophonic reproduction (stereo models only) an external amplifier and speaker system must be used. An existing unit (radio, hi-fi, phonograph, etc., already owned) may be used when properly connected, or your RCA Victor dealer has compatible units available. If your instrument will not accommodate the plug on the cable supplied with the recorder, consult your RCA Victor dealer for professional help. For proper positioning of the two instruments for the best effect, see "PLACEMENT" in this booklet.



PLACEMENT

Placement of monaural models is not critical so long as adequate tone and volume are achieved in the room.

While the placement of the stereo recorder and the external speaker system is governed by room size, their location is not too critical so long as they are approximately five feet apart. However, the external speaker system should always be located to your right when you are facing the instruments.

Final placement should be determined by playing a stereophonic tape cartridge and then adjusting the volume level and placement of each instrument to give the most pleasing perspective to the music. It is important that the speakers not be too close together with respect to the listener. If they are too close, the stereo effect is diminished and the reproduction will be similar to monaural. If the listener approximates the proportions described and illustrated, the best stereophonic reproduction will result.

OPERATION OF INSTRUMENT FOR PLAYBACK

TO CONNECT MONAURAL OR STEREO RECORDER INTO A HIGH FIDELITY INSTRUMENT FOR HI-FI REPRODUCTION—The accessory cable (included) should connect OUTPUT SOCKET(s) of recorder instrument to input socket of hi-fi instrument (Stereo models connect red cable into right socket). The SPKR. switch should be placed in the OFF position. The OFF-VOL knob on the recorder should be rotated approximately half-way to the right and further adjustment of volume levels should be accomplished with the controls on the external instrument.

TO PLAY A MONAURAL CARTRIDGE

Place the REWIND-STOP-PLAY knob in STOP position. On stereo models, place the FUNCTION switch in MON (monaural) position. Turn the OFF-VOL knob to the right to turn power on. Allow 30 seconds for warm-up. Select the track you wish to play by placing the TRACK switch in the desired position. The normal sequence of the tracks on a recorded monaural cartridge is A1, B1, A2 and B2.

Insert the recorded tape cartridge as previously described under "TO RECORD A MONAURAL CARTRIDGE."

Place the REWIND-STOP-PLAY knob

in PLAY position to start the tape in motion and adjust OFF-VOL knob for the desired volume.

When the end of the tape is reached, the mechanism will stop automatically and return the REWIND-STOP-PLAY knob to the STOP position. The tape can either be rewound by placing the REWIND-STOP-PLAY knob in the REWIND position or the remaining tracks can be played. This can be accomplished by turning the cartridge over and playing track B1. When the cartridge is turned over a second time, the TRACK switch should be moved to position 2, and the third track A2 will now

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play. To play the fourth track B2, the cartridge must be turned over again. After the fourth track has been played, the tape is back in the original position on the left-hand A-hub of the cartridge and ready for the first track to be played. No rewinding is necessary when a cartridge is played completely through.

Any one of the four tracks can be played in or out of sequence so long as the tape is on the left-hand hub and the TRACK switch is positioned properly.

TO PLAY A STEREO CARTRIDGE (Stereo models only)

Connect the RIGHT output socket to the external speaker and amplifier that is required. The recorder serves as the left channel unless an external stereo instrument is being used for total playback. If an external instrument is being used for the right channel only, a balance must be attained using the volume controls on both instruments.

Place the REWIND-STOP-PLAY knob

in the STOP position. Place the FUNCTION switch in the STR (stereo) position (this automatically moves the TRACK switch to position 1). Turn the OFF-VOL knob to the right  to turn power on. Allow 30 seconds for warmup.

Insert the tape cartridge as previously described under "TO RECORD A MONAURAL CARTRIDGE."

Place the REWIND-STOP-PLAY knob in PLAY position to start the tape in motion and adjust OFF-VOL knob for the desired volume. The VOLUME (or LOUDNESS) knob of the external instrument will also have to be adjusted to attain a balance between the two instruments. The volume control on the recorder will then control the overall volume of both channels.

When the end of the tape is reached, the mechanism will stop automatically and return the REWIND-STOP-PLAY knob to the STOP position. If you wish to replay the same track, rewind the tape by placing the REWIND-STOP-PLAY knob in REWIND position. This operation is more

fully explained under "TO RECORD A MONAURAL CARTRIDGE."

If you wish to continue playing a tape cartridge after the first track (sequence A) is finished (instead of rewinding it), lift the cartridge off the recorder, turn it over and replace it on the recorder and continue playing the second track (sequence B) as previously described for sequence A.

Since stereo recordings involve the use of two tracks simultaneously, the cartridge need only be turned over once to complete its playing cycle and the TRACK switch does not need to be and should not be moved.

After sequence B has been played, the tape is back in the original position on the left-hand A-hub of the cartridge and ready for sequence A to be played. No rewinding is necessary when a stereo cartridge is played completely through.

If you wish to play sequence B on a pre-recorded tape cartridge out of the normal order, place the cartridge on the recorder with side B up and rewind the tape onto the left-hand hub before playing.

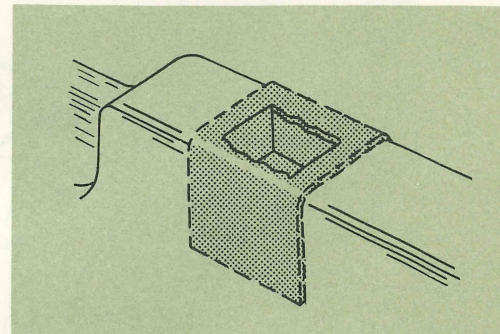
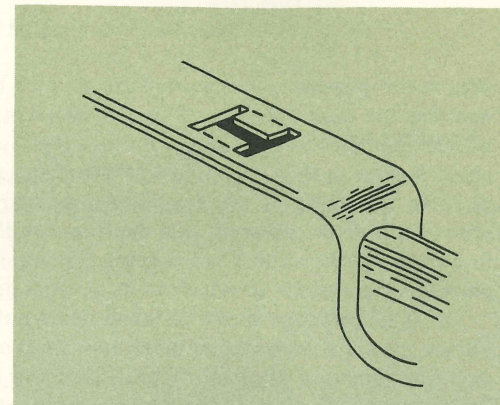
ERASING A TAPE CARTRIDGE

During recording, the automatic erase feature of your recorder erases the tape track(s) being recorded just before it reaches the recording head so that you are always recording on a "clean" tape. It is also possible to pre-erase an entire monaural or stereo cartridge before storing it away to be used at a later date. You can either erase one track at a time by placing the FUNCTION switch in MON position or erase two tracks at a time by placing the FUNCTION switch in STR position. During erasing, be sure to turn the OFF-VOL knob to zero volume so no signal is recorded. If one particular track is to be erased, be sure to position the TRACK switch and the cartridge to match the track you wish to erase.

The blank tape cartridges are designed with an "H" arrangement (see illustration). When left in the tape cartridge, this "H"

permits the RECORD knob to be turned to the RECORD position for recording purposes. After a tape cartridge has been recorded and you are sure that you want to keep it, the centers of the "Hs" can be broken off by prying them out with a screwdriver. This leaves the same kind of a notch that is a standard feature of all RCA Victor prerecorded cartridges. This notch prevents accidental erasing of recorded cartridges.

To fill in these notches to permit erasing or new recording, use wads of cloth and cover the openings tightly with a piece of cloth adhesive tape in the manner shown below. If you are erasing a cartridge, you can leave the notches filled to facilitate future recording. Remove the adhesive tape after a cartridge is recorded to prevent accidental erasing.



SPLICING CARTRIDGE TAPE

Whenever possible, a broken tape should be mended without opening the tape cartridge. This can be done if both ends of the broken tape are exposed (Fig. 1). Place the tape cartridge on a flat surface with side A up. Release the pressure on the hubs by pushing the brake in the direction indicated (Fig. 1). While the pressure is thus released, pull each end of the tape out enough to enable you to work. Then reapply the pressure on the hubs by permitting the brake to return to its normal position.

The tape cartridge must be taken apart unless both ends of a broken tape are exposed, or when removing or inserting portions of an undamaged magnetic tape. Place the tape cartridge on a flat surface with side A up. Remove both screws. Lift the front

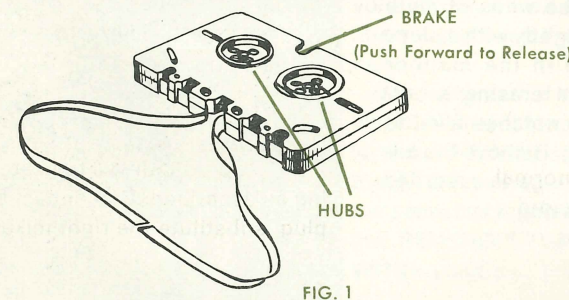


FIG. 1

edge of the cover (side A), separate the cover from the rest of the tape cartridge, and place it face down (Fig. 2). If the transparent plastic spacer has remained on the top of the tape, remove it and place it in side A (Fig. 2). Follow the procedure described in the first paragraph to release the brake pressure and pull out enough tape to permit you to work.

When repairing a broken tape that is not too badly damaged, put the ends back together again without trimming off the damaged ends (Fig. 3). Make sure that the ends line up and that they do

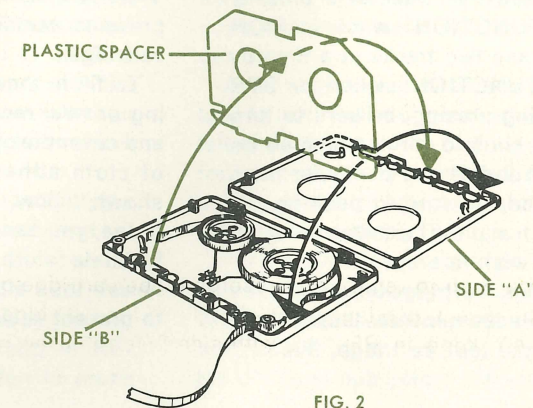


FIG. 2

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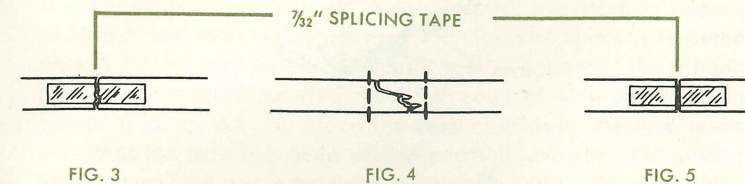


FIG. 3

FIG. 4

FIG. 5

not overlap. When repairing a badly damaged tape, or removing or inserting portions of an undamaged tape, use a pair of scissors. Cut out the damaged portion (Fig. 4) or cut the tape at the point where a portion is to be removed or another inserted (Fig. 5).

If a break has occurred at the loop, cut off the old loop and make a new loop as shown in Figure 6. Place the new loop on the hub by hooking it over the pin provided for that purpose (Fig. 8).

Figures 3 and 5 show the preferred method of applying the $\frac{7}{32}$ " splicing tape which is specifically recommended for mending the cartridge tapes. However, if the $\frac{7}{32}$ " splicing tape should not be

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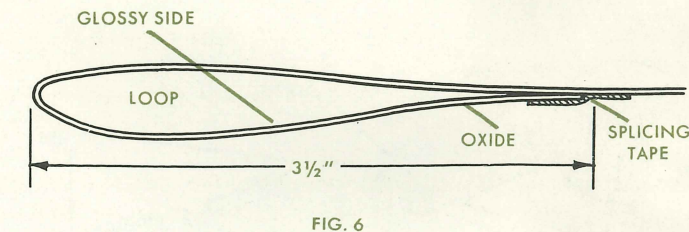


FIG. 6

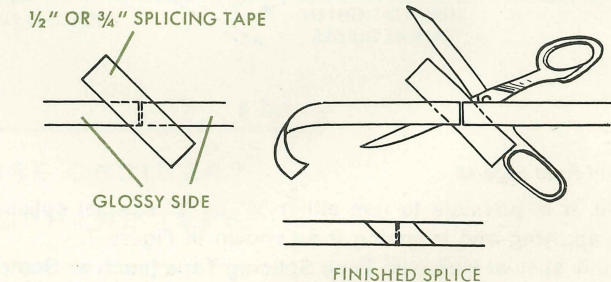


FIG. 7

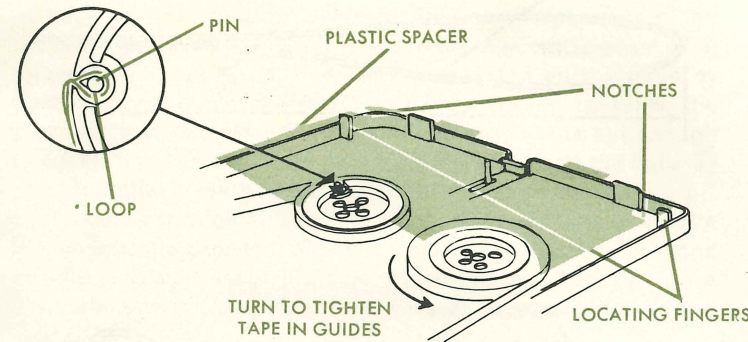


FIG. 8

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available, it is possible to use either $\frac{1}{2}$ " or $\frac{3}{4}$ " special splicing tape by applying and trimming it as shown in Figure 7.

Use only special Magnetic Tape Splicing Tape (such as Scotch No. 41) which is especially designed for this purpose. Apply this mending tape to the glossy side of the magnetic tape, except

when making a new loop. When a new loop has been formed, the mending tape must, of necessity, be applied to both the glossy and oxide sides of the magnetic tape (Fig. 6).

Before reassembling the tape cartridge make sure the tape is positioned correctly in the guides (Fig. 9). Tighten the tape by turning the right-hand hub to the left ↶.

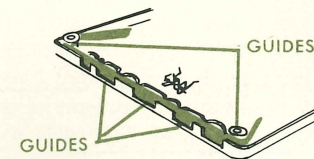


FIG. 9

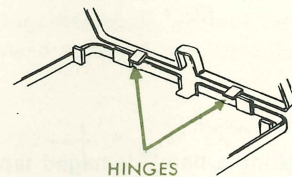
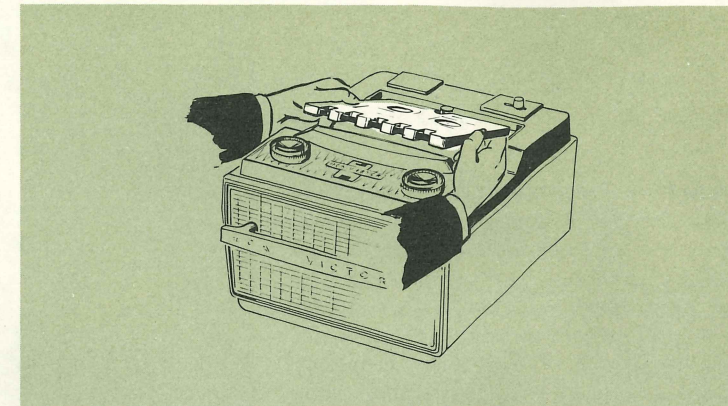


FIG. 10

To assemble the tape cartridge, remove the plastic spacer from side A and place it on top of the tape so that the two large round cutout holes fit over the two tape hubs. However, it must be so placed that the notches (Fig. 8) do not match the side B locating fingers. (When side A is replaced, the locating fingers of side A will fit into the notches of the plastic spacer.) Replace side A on the rest of the tape cartridge by engaging the hinges (Fig. 10) and then lowering the front edge of side A until it is closed (Fig. 1). As you close the tape cartridge, check to make sure that the tape has been placed correctly between the guides and that no bind exists between the guides and the tape. Replace the two screws and tighten them. After closing the cartridge and before playing, remove any slack in the tape by rotating the right-hand hub to the left ↶.

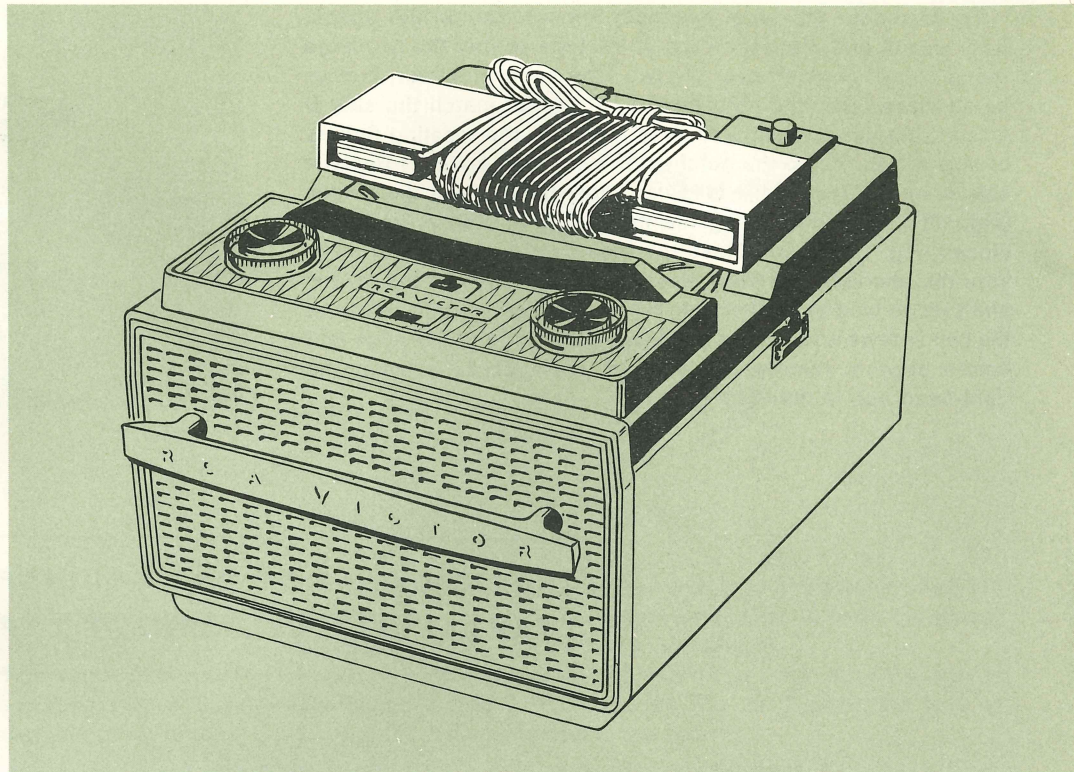


**CAUTION: DO NOT USE ORDINARY
TRANSPARENT CELLOPHANE TAPE.**

ACCESSORY STORAGE

To store microphone(s), interconnecting cable and power cord so that the instrument can be transported without any of these accessories being loose in the instrument case, insert the microphone(s) in the end slot(s) of the accessory holder (see illustration). Wind the microphone cable(s) and the interconnecting cable around body of accessory holder as shown. Fold the power cord and wind it around itself to fit in the area behind the accessory holder.

The lid hinges should now be engaged and the lid closed for easy carrying. Replace lid when instrument is not in use to prevent dust accumulating on the mechanism.



Service for Your RCA Victor Tape Cartridge Recorder

Your RCA Victor Tape Cartridge Recorder is a rugged instrument engineered to render dependable, long-lived performance and enjoyment. For installation and service call the RCA Victor

dealer from whom you purchased the set, your independent service dealer or the nearest RCA Service Company office. Check your local telephone directory for listing.

WARRANTY

Radio Corporation of America, hereinafter referred to as "RCA," warrants to the original retail purchaser of this instrument that it will furnish a replacement for, or at its option, repair any part thereof which proves upon inspection by RCA to have been defective within ninety days from the date of original retail sale by the RCA Victor dealer, if it was used thereafter solely within the United States of America, in accordance with the terms of this warranty.

This warranty shall not apply to any part or parts, of this instrument if it has been installed, altered, repaired or misused through negligence or otherwise in a way that in the opinion of RCA affects the reliability of or detracts from the performance of any part or parts of the instrument, or if its serial number or the serial number of any such part or parts has been altered, defaced or removed, nor does this warranty cover replacements or repairs necessitated by loss or damage resulting from any cause beyond the control of RCA, including but not limited to Acts of God, acts of government, floods, fires, shortage of materials, and labor difficulties.

Within ninety days from such purchase any such defects must be brought to the attention of the RCA Victor dealer from whom this instrument was

purchased. If upon examination by RCA, the part is found to have been defective within the applicable warranty period, the RCA Victor dealer will furnish the purchaser with a new or RCA rebuilt replacement part or return the defective part repaired.

The obligation of RCA under this warranty is limited to making a new or RCA rebuilt replacement part, component, or subassembly available to the purchaser, or the repair of a defective part, component, or subassembly, and does not include the furnishing of any labor involved or connected therewith, such as that required to diagnose the necessity for replacement or repair, or to remove or install any such parts; nor does it include responsibility for any transportation expenses nor any damages or losses incurred in transportation in connection therewith.

The foregoing is in lieu of all other warranties, express, implied or statutory, and RCA neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with the sale of this instrument.



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TAPE CARTRIDGE RECORDER

RADIO CORPORATION OF AMERICA
RCA VICTOR HOME INSTRUMENTS DIVISION

INDIANAPOLIS 1, INDIANA, U. S. A.

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